

## **Scholarships for Increasing Underrepresented in the Nuclear Industry (SHIUNI)**

### **Executive Summary:**

#### **Project's Objectives:**

SHIUNI objectives are well-defined, focused, and targeted to: 1) Increasing the number of underrepresented STEM students entering postsecondary nuclear-related STEM majors through scholarship support, 2) Creating a support system of mentoring, role modeling, and experiential learning to strengthen the impact of scholarship support upon retention and graduation rates, and 3) Providing a preparatory culture and system to increase qualified STEM undergraduates for graduate programs in nuclear-related study and/or the nuclear-related workforce.

#### **Project's Products and Benefits:**

Supporting SHIUNI at a Hispanic-Serving and Minority-Serving Institution, (UHD) will create increased recruitment, retention and graduation of underrepresented STEM students as undergraduates. SHIUNI removes the single, largest barrier to entering university study, and supports education and nuclear-related STEM experiences in the energy and power sectors. Through creating an accompanying system of exposure to the nuclear-related STEM education and workforce community, SHIUNI program scholarships multiply the benefits associated with the scholarships.

Over two years, the project will recruit and provide support and training, thereby graduating 24 undergraduates prepared to enroll in graduate partner programs in the nuclear-related chemistry and physics, nuclear engineering, nuclear medicine, or nuclear energy and power workforce sectors. Increased representation of underrepresented STEM students will increase nuclear-related workforce entry by graduates from UHD by 100%, thereby creating a stream of underrepresented graduates within the nuclear-related sciences and workforce.

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